

MANUAL OF RESPONSIBILITIES

BG ZERO TASK SUPPORT VEHICLE



ACTUAL PRODUCT MAY NOT APPEAR EXACTLY AS SHOWN



WARNING

Do not operate or service this product unless you have read and fully understand the entire contents of this manual. Failure to do so may result in property damage, bodily injury or death.

BLUE GIANT[®]

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1.0 DEFINITIONS

Aerial Platform: A mobile device that has an adjustable position platform, supported from ground level by a structure.

Anchorage(s): A secure point of attachment to be used with personal fall protection equipment (PFPE).

Authorized Personnel (Authorized Person): Personnel approved or assigned to perform a specific type of duty or duties at a specific location or locations at a work site.

Base: The relevant contact points of the aerial work platform that form the stability platform (e.g. wheels, casters, stabilizers).

Broker: An independent business entity or person that arranges a lease or transfer of ownership of an aerial platform, but does not own the aerial platform. If the entity or person is an employee of the buyer, seller, lessor or lessee of the aerial platform, he shall not be considered a broker.

Chassis: The integral part of the aerial platform that provides mobility and support for the elevating assembly.

Configuration: All positions in which an aerial platform or any part thereof can be placed within its intended operating limits.

Critical Component(s): Load supporting elements which support or stabilize the platform or aerial platform.

Dealer: A person or entity who buys from a manufacturer or distributor and who generally

sells, rents, and services aerial platforms.

Delivery: Transfer of care, control and custody of the aerial platform from one person or entity to another person or entity.

Directional Controls: Controls that initiate functions that affect movement of the platform or the aerial platform.

Ductile Materials: Materials having a minimum elongation of 10% in 2 inches (50.8 mm).

Elevating Assembly: The mechanism used to position the platform relative to the aerial platform chassis.

Familiarization: Providing information regarding the control functions and safety devices for the aerial platform(s) to a qualified person or operator who controls the movement of the aerial platform(s) being delivered.

Guardrail System: A vertical barrier primarily intended to protect against personnel falling to lower levels.

Hazardous Location: Any location that contains, or has the potential to contain, an explosive or flammable atmosphere as defined in ANSI/NFPA 505-current addition, Powered Industrial Trucks.

Instability: A condition of an aerial platform in which the sum of the moments that tend to overturn the unit exceeds the sum of the moments tending to resist overturning.

1.0 DEFINITIONS (continued)

Insulated Platform: A platform designed and tested to meet the specific electrical insulation ratings consistent with the manufacturer's identification plate.

Interlock: A control or mechanism that, under specified conditions, automatically allows or prevents the operation of another control or mechanism.

Lessee: A person(s) or entity to whom an aerial platform is provided by lease, rental, loan or other arrangement. A lessee may also be a dealer, owner, user or operator.

Lessor: A person(s) or entity who leases, rents, loans or otherwise provides an aerial platform to another party for the beneficial use of that party (the user). A lessor may also be a dealer, owner, lessee, user or operator.

Maintenance: The act of upkeep such as inspection, lubrication, battery charging, cleaning, adjustment and scheduled part(s) replacement.

Manual of Responsibilities: A document containing the definitions and the requirements mandated in the ANSI/SIA A92.6 Standard for the following entities: Dealers (Section 5); Owners (Sections 6); Users (Section 7); Operators (Section 8); Lessors (Section 9); Lessees (Section 10); and Brokers (Section 11).

Manufacturer: A person or entity who makes, builds or produces an aerial platform.

Maximum Travel Height: The maximum platform height of the most adverse configuration(s) with respect to stability in which travel is permitted by the manufacturer.

Modification, Modified: To make a change(s) to an aerial platform that affects the operation, stability, safety factors, rated load or safety of the aerial platform in any way.

Most Adverse Stability Conditions(s): The permitted configuration of the aerial platform most likely to cause instability while maintaining stability. Factors to be considered shall include:

1. With zero load to maximum test load.
2. Up to and including maximum platform height.
3. All positions and configurations of the platform(s).
4. All wheel and axle positions.
5. Forward and backward configurations of the elevating assembly.
6. All other movable features which affect the stability of the aerial platform.

Multiple Rating(s), Multiple Rated Loads: Two or more different rated work loads based on alternative configurations of the aerial platform.

Operation: Performance of functions of an aerial platform within the scope of its specifications and in accordance with the manufacturer's instructions, the user's work rules, and applicable governmental regulations.

1.0 DEFINITIONS (continued)

Operator: A qualified person who controls the movement of an aerial platform.

Outriggers: Devices that increase the stability of the aerial platform and that are capable of lifting and leveling the aerial platform.

Override: To take over aerial platform movement control functions at the upper control station by those at the lower control station.

Owner: A person or entity who has possession of an aerial platform by virtue of proof of purchase.

Passive: Under specified conditions, automatically performed and not requiring any specific action to accomplish.

Platform: The portion of an aerial platform intended to be occupied by the operator with necessary tools and materials.

Platform Height: The vertical distance measured from the floor of the platform to the surface upon which the machine is being supported.

Powered Functions: Those which control motion of the platform or the aerial platform and are caused by electromechanical, hydraulic or pneumatic forces.

Qualified Person: One who, by possession of a recognized degree, certificate, or professional standing, or by extensive knowledge, training, and experience, has

successfully demonstrated his / her ability to solve or resolve problems related to the subject matter, the work, or the project.

Rated Horizontal Force: The maximum permissible horizontal force at the top rail which can be applied to the aerial platform as specified by the manufacturer.

Rated Work Load: The designated carrying capacity of the aerial platform as specified by the manufacturer.

Rebuild / Recondition: The act of disassembly, repair or adjustment of an aerial platform or component, utilizing replacement parts and components, in accomplishing work beyond the scope of maintenance (as described and used in the standard) in order to restore, to the extent possible, the aerial platform or component to the original manufactured specifications.

Re manufacture: The modification of an aerial platform, either by the original manufacturer or another qualified entity, so that the aerial platform will comply with the ANSI Standard in effect on the date the modification is complete.

Repair: The act of restoring to good condition that which has been broken, damaged or worn due to use, abuse or other reasons.

Shall: The word “shall” is to be understood as being mandatory.

1.0 DEFINITIONS (continued)

Should: The word “should” indicates that the rule is a recommendation, the advisability of which depends on the facts in each situation.

Stability / Stable: A condition of an aerial platform in which the sum of the moments that tend to overturn the unit is less than or equal to the sum of the moments tending to resist overturning.

Stabilizers: Devices that increase the stability of the aerial platform but are not capable of lifting or leveling the aerial platform.

Training: Instruction to enable the trainee to become a qualified person regarding the task to be performed, including knowledge regarding potential hazards.

Unintended Motion: Motion of the aerial platform or platform without activation of any control.

Unrestricted Rated Work Load: The maximum designated carrying capacity of the aerial platform allowed by the manufacturer in all operating configurations.

User: A person(s) or entity who has care, control and custody of the aerial platform. This person or entity may also be the employer of the operator, a dealer, owner, lessor, lessee, or operator.

2.0 RESPONSIBILITIES OF DEALERS

Basic Principles: Sound principles of safety, training, inspection, maintenance, application, and operation consistent with all data available regarding the parameters of intended use and expected environment shall be applied in the training of operators, in maintenance application, safety provisions and operation of the aerial platform with due consideration of the knowledge that the aerial platform will be carrying personnel.

Manuals: Dealers shall keep and maintain a copy of the Operator's Manual, the Maintenance-Repair-Parts Manual and the Manual of Responsibilities. They are to be provided with each rental, lease or sale delivery in the weatherproof storage pouch on the aerial platform. Manuals are considered an integral part of the aerial platform and are vital to communicate necessary safety information to owners, users and operators.

Pre-delivery Preparation: Aerial platforms shall be inspected, serviced and adjusted to the manufacturer's requirements prior to each delivery by sale, lease or rental.

Maintenance, Inspection and Repair

Maintenance: When the dealer performs preventative maintenance on the aerial platform, it shall be in accordance with the manufacturer's recommendations, the environment, and severity of use.

Inspection: When the dealer performs frequent and annual inspections, they shall be accomplished in accordance with the manufacturer's manuals.

Repairs: Repairs accomplished to correct malfunctions and problems shall be in accordance with the manufacturer's manuals and instructions.

Maintenance Safety Precautions: Before adjustments and repairs are started on the aerial platform, the following precautions shall be taken as applicable:

1. Battery connector disconnected and starting means rendered inoperative.
2. All controls in the "Off" position and all operating systems secured from inadvertent motion by brakes, blocks, or other means.
3. Elevating assembly and platform lowered to the full down position, if possible or otherwise secured by blocking or cribbing to prevent dropping.
4. Hydraulic oil pressure relieved from all hydraulic circuits before loosening or removing hydraulic components.
5. Safety props or latches installed where applicable as prescribed by the manufacturer.

Replacement Parts: When parts or components are replaced, they shall be identical or equivalent to original aerial platform parts or components.

Training: The dealer shall offer appropriate training to facilitate owners, users, and operators to comply with requirements set forth in this Manual of Responsibilities regarding the inspection, maintenance, use, application, and operation of the aerial platform.

2.0 RESPONSIBILITIES OF DEALERS (continued)

Familiarization on Delivery: Upon delivery by sale, lease, rental or any form of use, the dealer shall have the responsibility with the person designated by the receiving entity for accepting the aerial platform to:

1. Identify the weather resistant compartment (for manual storage).
2. Confirm the manuals as specified by the manufacturer, are on the aerial platform.
3. Review control functions.
4. Review safety devices specific to the model aerial platform being delivered.

Dealer as User: Whenever a dealer directs personnel to operate an aerial platform (loading, unloading, inspecting, sales demonstrations, or any form of use), the dealer shall assume the responsibilities of Users as specified in this Manual of Responsibilities. All personnel authorized to operate the aerial platform shall have been:

1. Trained.
2. Familiarized with the aerial platform to be operated.
3. Made aware of the responsibilities of Operators as outlined in this Manual of Responsibilities.

Assistance to Owners and Users: If a dealer is unable to answer an owner's or user's question(s) relating to rated capacity, intended use, maintenance, repair, inspection, or operation of the aerial platform, the dealer shall obtain the proper information from the manufacturer, or qualified person if the manufacturer is no longer in business, and provide that information to the owner or user.

Record Retention and Dissemination

Record Retention: The dealer shall retain the following records for at least four years:

1. Name and address of the purchaser of each aerial platform by serial number and date of delivery.
2. Records of the pre-delivery preparation performed prior to each delivery.
3. Records of frequent and annual machine inspections accomplished.
4. Records of repairs accomplished to correct malfunctions and problems.
5. Name of the person(s) trained.
6. Name of the person(s) providing the training.
7. Date of training.
8. Name of the person(s) receiving familiarization with the aerial platform upon each delivery unless this individual has been provided with familiarization on the same model, or one having characteristics consistent with the one being delivered, within the prior 90 days.
9. Name of person(s) providing familiarization with the aerial platform upon each delivery.

Proof of Training: The dealer should provide trainees who successfully completed training a means to evidence they are trained. The dealer shall provide such proof if requested by the trainee. The document evidencing training shall include the following information:

2.0 RESPONSIBILITIES OF DEALERS (continued)

1. Name of trainee.
2. Name of entity providing training or retraining.
3. Name of trainer(s).
4. Clear identification that training covered Self-Propelled Elevating Work Platforms.
5. Date of training.

Record Dissemination: Upon request, the dealer shall provide the following information:

1. To the owner of the aerial platform, a copy of frequent or annual inspections performed.
2. To the owner of the aerial platform, a copy of repairs accomplished.
3. To a user, proof of training for an operator, including name of trainer and date of training.
4. To a user, the name of the person(s) receiving familiarization upon delivery of the aerial platform.

Modifications: Modification, alteration or re manufacture of an aerial platform shall be made only with prior written permission of the manufacturer. Should the original manufacturer no longer exist, a qualified person may approve such modifications. All modifications shall meet the applicable manufacturer's requirements as specified in section 4 (Responsibilities of Manufacturers) of the ANSI/SIA A92.6 Standard.

Manufacturer's Safety Bulletins: The dealer shall comply with safety related bulletins as received from the manufacturer.

Responsibilities Upon Sale: When the aerial platform is sold, the dealer:

1. Shall, upon delivery, ensure the Operator's Manual, the Maintenance-Repair-Parts Manual and the Manual of Responsibilities are conveyed to the owner.
2. Shall, within 60 days of sale, notify the manufacturer or it's successor (if existing) of the sale, providing the full name and address of the purchaser.
3. Should, if the aerial platform is used, accomplish an annual machine inspection prior to delivery and provide a copy to the purchaser within 60 days of the sale (sales of used equipment require prior authorization by the manufacturer).
4. Shall, upon delivery, familiarize the person designated by the receiving entity with the aerial platform being acquired.

3.0 RESPONSIBILITIES OF OWNERS

Basic Principles: Sound principles of safety, training, inspection, maintenance, application, and operation consistent with all data available regarding the parameters of intended use and expected environment shall be applied in the performance of the responsibilities of owners with due consideration of the knowledge that the aerial platform will be carrying personnel.

Responsibilities Upon Purchase: Upon purchase of the aerial platform, the buyer:

1. Shall ensure the Operator's Manual, the Maintenance-Repair-Parts Manual and The Manual of Responsibilities have been received.
2. Shall within 60 days (60) of acquisition of the aerial platform provide the manufacturer, or its successor (if existing) with the full name and address of the buyer along with the aerial platform model, serial number, and a completed Installation Report.
3. Shall, if the aerial platform is used, ensure that frequent and annual inspections are current.
4. Shall become familiar with and conform with the responsibilities of Owners as set forth in this Manual of Responsibilities.

MANUALS

Machine Manuals: Owners shall provide a copy of the Operator's Manual and the Maintenance-Repair-Parts Manual with each rental, lease, or sales delivery by ensuring they are properly stored in the weatherproof

compartment that is part of the aerial platform. The manuals are considered an integral part of the aerial platform and are vital to communicate necessary safety information to owners, users and operators.

Manual of Responsibilities: The current Manual of Responsibilities shall be provided and stored in the weather resistant storage compartment.

MAINTENANCE, INSPECTION AND REPAIR

Maintenance: The owner of the aerial platform shall arrange that the maintenance specified in this standard is properly performed on a timely basis. The owner shall establish a preventative maintenance program in accordance with the manufacturer's recommendations and taking into account the environment of the work place and severity of use of the aerial platform.

Inspection: The owner shall arrange for frequent and annual inspections to be performed in accordance with the recommendations of the manufacturer. All malfunctions and problems identified in the inspection shall be corrected before the aerial platform is returned to service.

Repairs: When the aerial platform is damaged or in need of repair, all malfunctions and problems identified shall be corrected before the aerial platform is returned to service.

Pre-delivery Preparation: Aerial platforms shall be inspected, serviced, and adjusted

3.0 RESPONSIBILITIES OF OWNERS (continued)

in accordance with the manufacturer's requirements prior to each delivery by sale, lease or rental.

Frequent Inspection: The owner of an aerial platform shall ensure that a frequent inspection is performed in accordance with the manufacturer's instructions, for the aerial platform:

1. That was purchased used. This inspection shall be accomplished unless it is determined that the frequent and annual inspections are current.
2. That has been in service for three (3) months or 150 hours, whichever comes first.
3. That has been out of service for a period longer than three months.

The inspection shall be made by a person qualified as a mechanic on the specific type of aerial platform or one having similar design characteristics. The inspection shall be in accordance with items specified by the manufacturer for a frequent inspection and shall include, but not be limited to the following:

1. All functions and their controls for speed(s) smoothness and limits of motion.
2. All chain and cable mechanisms for adjustment and worn or damaged parts.
3. All emergency and safety devices.
4. Lubrication of all moving parts, inspection of filter element(s) and hydraulic oil as specified by the manufacturer.

5. Visual inspection of structural components and other critical components such as fasteners, pins, shafts and locking devices.
6. Placard, warnings and control markings.
7. Additional items specified by the manufacturer.

The owner shall not place the aerial platform into service until all malfunctions and problems have been corrected.

Annual Inspection: The owner of an aerial platform shall ensure that an annual inspection is performed on the aerial platform no later than thirteen (13) months from the date of the prior annual inspection. The inspection shall be performed by a person(s) qualified as a mechanic on the specific make and model of the aerial platform or one having similar design characteristics. The inspection shall be in accordance with items specified by the manufacturer for an annual inspection. The owner shall not place the aerial platform into service until all malfunctions and problems have been corrected.

Maintenance Safety Precautions: Before adjustments and repairs are started on an aerial platform, the following precautions shall be taken as applicable:

1. Power plant stopped and starting means rendered inoperative.
2. All controls in the "Off" position and all operating systems secured from inadvertent motion by brakes, blocks, or other means.

3.0 RESPONSIBILITIES OF OWNERS (continued)

3. Elevating assembly and platform lowered to the full down position, if possible or otherwise secured by blocking or cribbing to prevent dropping.
4. Hydraulic oil pressure relieved from all hydraulic circuits before loosening or removing hydraulic components.
5. Safety props or latches installed where applicable as prescribed by the manufacturer.

Replacement Parts: When parts or components are replaced, they shall be identical or equivalent to original aerial platform parts or components.

Maintenance Training: The owner shall train their maintenance personnel in inspection and maintenance of the aerial platform in accordance with the manufacturer's recommendations and the responsibilities of Owners section of this Manual of Responsibilities.

Operator Training: Whenever an owner directs or authorizes an employee to operate an aerial platform (loading, unloading, inspecting or any other form of use) the owner shall assume the responsibilities of the User as specified in this Manual of Responsibilities and shall ensure the person has been:

1. Trained.
2. Familiarized with the aerial platform to be operated.
3. Made aware of the responsibilities of Operators as outlined in this Manual of Responsibilities.

Assistance to User: Upon request of the user, when an owner leases, rents or provides an aerial platform for any form of beneficial use, the owner at that time shall offer to do training or advise the user where training may reasonably be secured.

Familiarization Upon Delivery: Upon delivery for lease, rental or any form of beneficial use, the owner shall have the responsibility with the person designated by the receiving entity for accepting the aerial platform to:

1. Identify the weather resistant compartment (for manual storage).
2. Confirm that the manuals, as specified by the manufacturer, are on the aerial platform.
3. Review control functions with the operator or person(s) designated by the user.
4. Review safety devices specific to the model aerial platform being delivered.

Operation: When the owner operates an aerial platform, the owner shall have the responsibilities of Users as specified in this Manual of Responsibilities and his operating personnel shall have responsibilities of Operators as specified in this same manual.

RECORD RETENTION AND DISSEMINATION

Record Retention: The owner shall date and retain the following records for at least four years:

1. Name and address of the purchaser of each aerial platform by serial number

3.0 RESPONSIBILITIES OF OWNERS (continued)

- and date of delivery.
2. Written records of the frequent and annual inspections and repairs performed. The record shall include deficiencies found, corrective action accomplished and identification of the person(s) performing the inspection and repairs.
 3. Written records of repairs accomplished on the aerial platform. The records shall include corrective action accomplished and identification of the person(s) performing the repairs.
 4. Pre-delivery preparation performed prior to each delivery.
 5. Name of the person(s) trained.
 6. Name of the person(s) providing the training.
 7. Name of the person(s) receiving familiarization upon delivery, unless the individual has been provided with familiarization on the same model, or one having characteristics consistent with the one being delivered, within the prior 90 days.

Proof of Training: Owners providing training should provide successful trainees a means to evidence their training and shall provide proof if requested by the trainee. The document evidencing training shall include the following information:

1. Name of trainee.
2. Name of entity providing training or retraining.
3. Name of trainer(s).
4. Clear identification that training covered Self-Propelled Elevating Work Platforms.
5. Date of training.

Record Dissemination: Upon request, an owner accomplishing training and / or familiarization shall provide the following:

1. To a user, proof of training for an operator, including name of trainer and date of training.
2. To a user, the name of the person(s) receiving familiarization upon delivery of the aerial platform.

Modifications: Modification, alteration or re manufacture of an aerial platform shall be made only with prior written permission of the manufacturer. Should the manufacturer no longer exist, a qualified person may approve such modifications. All modifications shall meet the applicable manufacturer's requirements as specified in section 4 (Responsibilities of Manufacturers) of the ANSI/SIA A92.6 Standard.

Manufacturer's Safety Bulletins: The owner shall comply with safety related bulletins as received from the manufacturer or the dealer.

Responsibilities Upon Sale: Upon sale of the aerial platform, the seller:

1. Shall, upon delivery, ensure the Operator's Manual, the Maintenance-Repair-Parts Manual and the Manual of Responsibilities are conveyed to the new owner.
2. Shall, upon request of the new owner, offer to do training or advise where training may reasonably be obtained.

4.0 RESPONSIBILITIES OF USERS

Basic Principles: The information in this Manual of Responsibilities must be supplemented by good job management, safety control, and the application of sound principles of safety, training, inspection, maintenance, application, and operation, consistent with all data available regarding the parameters of intended use and expected environment. Since the user has direct control over the application and operation of aerial platforms, conformance with good safety practices in this area is the responsibility of the user and the operating personnel, including the operator. Decisions on the use and operation of the aerial platform must always be made with due consideration for the fact that the aerial platform will be carrying personnel whose safety is dependent on those decisions.

MANUALS

Machine Manual(s): Users shall keep and maintain copies of the Operator's Manual and the Maintenance-Repair-Parts Manual in the weather resistant storage compartment provided by the manufacturer. The manuals are considered an integral part of the aerial platform and are vital to communicate necessary safety information to users and operators.

Manual of Responsibilities: The current Manual of Responsibilities shall be provided and stored in the weather resistant storage compartment.

Inspection and maintenance: Users shall inspect and maintain the aerial platform as required to ensure proper

operation. The frequency of inspection and maintenance shall be in accordance with the manufacturer's recommendations taking into account the environment of the work place and the severity of use of the aerial platform. Aerial platforms that are not in proper operation condition shall be immediately removed from service until repaired. Repairs shall be in conformance with the manufacturer's recommendations.

Frequent Inspection: Users of an aerial platform shall ensure that frequent inspections are conducted as outlined in the responsibilities of Owners section in this Manual of Responsibilities.

Annual Inspection: Users of an aerial platform shall ensure that annual inspections are conducted as outlined in the responsibilities of Owners section in this Manual of Responsibilities.

Pre-start Inspection: Before use each day or at the beginning of each shift, the aerial platform shall be given a visual inspection and functional test including but not limited to all of the following:

1. Operating and emergency controls.
2. Safety devices.
3. Air, hydraulic system and battery fluid leaks.
4. Cables and wiring harnesses.
5. Loose or missing parts.
6. Tires and wheels.
7. Placards, warnings, control markings, and operating manuals.
8. Casters and Stabilizers.
9. Guardrail systems.

4.0 RESPONSIBILITIES OF USERS (continued)

10. Items specified by the manufacturer.

Maintenance Safety Precautions: Before adjustments and repairs are started on an aerial platform, the following precautions shall be taken as applicable:

1. Battery connector disconnected and starting means rendered inoperative.
2. All controls in the “Off” position and all operating systems secured from inadvertent motion by brakes, blocks, or other means.
3. Elevating assembly and platform lowered to the full down position, if possible or otherwise secured by blocking or cribbing to prevent dropping.
4. Hydraulic oil pressure relieved from all hydraulic circuits before loosening or removing hydraulic components.
5. Safety props or latches installed where applicable as prescribed by the manufacturer.
6. Precautions specified by the manufacturer.

Replacement Parts: When parts or components are replaced, they shall be identical or equivalent to original aerial platform parts or components.

Maintenance Training: The user shall ensure only qualified personnel inspect and maintain the aerial platform in accordance with the manufacturer’s recommendations, and the maintenance, inspection and replacement parts sections from the Responsibilities of Users section, of this Manual of Responsibilities.

Operator training and re-training. Whenever a user directs or authorizes an individual to operate an aerial platform the user shall ensure the person has been:

1. Trained before being assigned to operate the aerial platform.
2. Familiarized with the aerial platform to be operated.
3. Made aware of the Responsibilities of Operators as outlined in this Manual of Responsibilities.
4. Retrained, if necessary, based on the user’s observation and evaluation of the operator.

Trainee Records: A record of the trainee’s aerial platform instruction shall be maintained by the user for at least 4 years.

Familiarization Before Use: The user shall permit only properly trained personnel to operate an aerial platform. The user shall ensure that before use the operator is familiar with the model of the aerial platform to be operated, and specifically:

1. Knows where the weather resistant compartment for manual storage is located.
2. Knows the manufacturer supplied Operator’s Manual, Maintenance-Repair-Parts manual and Manual of Responsibilities are stored in the weather resistant compartment and is familiar with them.
3. Understands all control functions, placards and warnings.
4. Is aware of and understands all safety devices specific to the model aerial

4.0 RESPONSIBILITIES OF USERS (continued)

platform being used.

Workplace Inspection: Before the aerial platform is used and during use, the user shall check the area in which the aerial platform is to be used for possible hazards such as, but not limited to:

1. Drop-offs or holes, including those that might be concealed or difficult to see.
2. Slope(s).
3. Bumps and floor obstructions.
4. Debris.
5. Overhead obstructions and high voltage conductors.
6. Hazardous locations and atmospheres (reference ANSI/NFPA 505-current addition)
7. Inadequate surface and support to withstand all load forces imposed by the aerial platform in all operating configurations.
8. Wind and weather conditions.
9. Presence of unauthorized persons.
10. Other possible unsafe conditions.

Determination of Hazardous Locations:

It shall be the responsibility of the user to determine the hazard classification of the intended location of operation. Aerial platforms operated in hazardous locations shall be approved in accordance with, and of the type required by ANSI/NFPA 505-current addition.

Operator Warnings and Instructions: The user shall direct personnel operating the aerial platform to be in compliance with the provisions set forth in the Responsibilities of Operators section in this Manual of

Responsibilities. The user shall monitor their performance and supervise their work to ensure the use, application and operation of the aerial platform is in conformance with the provisions set forth in this manual, warn personnel of potential hazards, provide means to protect against identified hazards, and explain the potential consequences of not following proper operating guidelines. Instructions and guidelines regarding proper operation shall include, but not be limited to the following issues and subjects:

1. **Fall Protection:** The guardrail system of the aerial platform provides fall protection. If the operator of the platform is required to wear personal fall protection equipment (PFPE), the body harness shall be worn correctly and connected with the intended tether or lanyard which is connected to the indicated "ANCHORAGE" point on the platform.
2. **Slope and Grade:** The aerial platform shall not be operated in any manner on grades, side slopes or ramps. Use of the aerial platform shall be restricted to level surfaces only.
3. **Guardrail System:** Whenever the operator is on the aerial platform, the control arms / guardrails shall be fully lowered into position closing off access openings, before operating any controls.
4. **Distribution of Load:** The load shall be evenly distributed on the platform, shelf(s) and any extensions, and shall be in accordance with the vehicle's nameplate and warning labels.
5. **Maintain Overhead Clearance:** The operator shall be instructed to ensure

4.0 RESPONSIBILITIES OF USERS (continued)

that adequate clearance is maintained from overhead obstructions and energized electrical conductors and parts.

6. **Electrocution Hazard:** All applicable safety related work practices intended to prevent electric shock covered by the Code of Federal Regulations (CFR) 1910.333 shall be defined and explained to the operator by a qualified person. In particular, such person shall direct the operator, commensurate with the operator’s qualifications, to maintain the appropriate minimum approach distance (MAD) 11 from energized power lines and parts covered by (CFR) 1910.333 (c).
7. **Personal Protective Equipment (PPE):** The user shall direct the operator to ensure the correct personal protective equipment (PPE) is used / worn as required.
8. **Personnel Footing:** Personnel shall maintain a firm footing on the platform floor while working thereon. Climbing by occupants on the guardrail or control arm of the aerial platform is prohibited. The use of planks, ladders, or any other devices on the platform for achieving additional height or reach is prohibited.
9. **Precaution for Other Moving Equipment:** When other moving equipment and vehicles are present, special precautions shall be taken to comply with local ordinances or safety standards established for the workplace. Warnings such as, but not limited to, flags, roped off areas, flashing lights, and barricades shall be appropriate.
10. **Reporting Problems or Malfunctions:** The user shall direct the operator to immediately report to a supervisor any problem(s) or malfunction(s) that become evident during operation. The user shall ensure all problems and malfunctions are repaired prior to continued use.
11. **Reporting Potentially Hazardous Locations:** The user shall direct the operator to immediately report to a supervisor any potentially hazardous location(s) that become evident during operation.
12. **Hazardous Location Operation:** Operation of aerial platforms not approved and marked for operation in a hazardous location shall be prohibited.
13. **Entanglement:** Care shall be taken to prevent rope, electric cords, and hoses, etc., from becoming entangled in the aerial platform.
14. **Capacity Limitations:** Rated capacities shall not be exceeded when loads are transferred to the platform at any height.
15. **Work Area:** The user shall direct the operator to ensure the area surrounding the aerial platform is clear of personnel and equipment before lowering the platform.
16. **Battery Charging:** Batteries shall only be charged in a well-ventilated area free of flame, sparks, or other hazards that may cause fire or explosion.
17. **Improper Platform Stabilization:** The aerial platform shall not be positioned against another object to steady the platform or improve stability.
18. **Misuse as a Crane:** The aerial platform shall not be used as a crane.
19. **Unusual Operating Support**

4.0 RESPONSIBILITIES OF USERS (continued)

- Conditions:** The aerial platform shall not be operated from a position on trucks, trailers, railroad cars, floating vessels, scaffolds, or similar equipment unless the application is approved in writing by the manufacturer or a qualified person.
20. **Travel Speeds:** The user shall direct the operator to limit travel speed according to conditions, including the condition of the support surface, congestion, visibility, slope, location of personnel, and other factors leading to hazards which may cause collisions(s) or result in potential injury(ies) to personnel.
21. **Driving Requirements:** Before and during driving the aerial platform, the user shall direct the operator to:
- (a) Maintain a clear view of the support surface and route of travel.
 - (b) Ensure personnel in the worksite area that may be affected are aware of the movement, communicating and maneuvering the aerial platform as required to protect against personal injury.
 - (c) Maintain a safe distance from obstacles, debris, drop-offs, holes, depressions, ramps, and other hazards to ensure safe travel.
 - (d) Maintain a safe distance from overhead obstacles and energized electrical conductors.
22. **Stunt Driving:** The user shall inform the operator that stunt driving and horseplay are prohibited.
23. **Securing the Aerial Platform:** The user shall direct the operator to implement means provided to protect against use by an unauthorized person(s).
24. **Altering Safety Devices:** Interlocks, limit switches or other safety devices shall not be altered or disabled.
25. **Snagged platform.** If the platform, platform shelf or supporting assembly becomes caught, snagged, or otherwise prevented from normal motion by adjacent structures or other obstacles such that control reversal does not free the platform, the operator shall be removed before attempts are made to free the platform using lowering controls.
26. **Vacating (or entering) an Elevated Aerial Platform:** If it becomes necessary to evacuate or provide assistance to the operator on an elevated aerial platform, call the local fire department or persons specifically trained and equipped for assistance.
27. **Modifications:** Modification or alteration of an aerial platform or the fabrication and attaching of frameworks, or the mounting of attachments for holding tools or materials onto the platform or guardrail system shall only be accomplished with the prior written permission of the manufacturer. All modifications shall meet the applicable manufacturer's requirements as specified in section 4 (Responsibilities of manufacturers) of the ANSI/SIA A92.6 Standard.
28. **Assistance to the Operator:** If an operator encounters any suspected malfunction of the aerial platform, or any hazard or potentially unsafe condition relating to capacity, intended use or safe operation of the aerial platform, the operator shall cease operation of the aerial platform, and

4.0 RESPONSIBILITIES OF USERS (continued)

request further information from the user.

29. **Problems or Malfunctions:** Any problems or malfunction(s) that affect the safety of operations shall be repaired prior to use of the aerial platform.
30. **Carrying Materials (larger than the platform):** The user shall ensure that only tools and materials which are evenly distributed and can be safely handled by a person working from the platform are transported on the platform load shelf. Light loads extending outside the outline of the platform load shelf require extra caution to avoid interferences.
31. **Rated Horizontal Force:** The user shall direct the operator not to exceed the platform's rated horizontal force.
32. **Bridge Cranes:** When an aerial platform is to operate within the area of travel of a bridge crane or similar equipment, steps shall be taken to prevent a collision with the aerial platform.
33. **Adequate Support Requirements:** The user shall ensure the support surface is adequate for the aerial platform and the load carried.
34. **Protecting Against Unauthorized Use:** The user shall direct the operator not to use, rent, lease, or provide the aerial platform for any form of beneficial use unless so authorized.

User as an Operator: If a user is also the operator of an aerial platform, the user shall have the responsibilities of Operators as well as well as the responsibilities of Users as

specified in this Manual of Responsibilities.

Shutdown of Aerial Platform: The user shall authorize and direct the operating personnel to cease operation of the aerial platform in case of any suspected malfunctions of the aerial platform, or any hazard or potentially unsafe condition that may be encountered, and to request further information as to safe operation from the owner, dealer, or manufacturer before further operation of the aerial platform.

RECORD RETENTION AND DISSEMINATION

Record Retention: The user shall retain the following records for at least 4 years:

1. Name of the operator(s) trained and retrained.
2. Name of the operator(s) provided familiarization.
3. The owner (or the entity designated by the owner) is responsible to ensure frequent and annual inspections are conducted and written records are maintained. The records shall include the date of the inspection, any deficiencies found, the corrective action recommended and identification of the person(s) performing the inspection.
4. When employees of the user accomplish repairs on the aerial platform, the user shall maintain written records. The record shall include the date of repair, a description of the work accomplished, and identification of the person(s) performing the repair.

4.0 RESPONSIBILITIES OF USERS (continued)

Record Dissemination:

1. When the user directs personnel to accomplish frequent or annual inspections, not later than 60 days after the inspections, the appropriate records shall be provided to the owner of the aerial platform.
2. When the user directs personnel to accomplish repairs on the aerial platform, not later than 60 days after the repairs are accomplished, the appropriate records shall be provided to the owner.

Manufacturer's Safety Bulletins: The user shall comply with safety related bulletins as received from the manufacturer, dealer or owner.

Proof of Training: Users providing training should provide successful trainees a means to evidence their training and shall provide such proof if requested by the trainee. The document evidencing training shall include the following information:

1. Name of trainee.
2. Name of entity providing training or retraining.
3. Name of trainer(s).
4. Clear identification that training covered Self Propelled Elevating Work Platforms.
5. Date of training.

Modifications: Modification, alteration or re manufacture of an aerial platform shall be made only with prior written permission of the manufacturer. All modifications shall meet the applicable manufacturer's requirements as specified in section 4 (Responsibilities of Manufacturers) of the ANSI/SIAI-A92.6 Standard.

5.0 RESPONSIBILITIES OF OPERATORS

Basic Principles: The information in this standard shall be supplemented by good judgment, safety control, and caution in evaluating each situation. Since the operator is in direct control of the aerial platform, conformance with good safety practices in this area is the responsibility of the operator. The operator shall make decisions on the use and operation of the aerial platform with due consideration for the fact that his or her own safety as well as the safety of other personnel in the vicinity of the platform is dependent on those decisions.

1. Operating and emergency controls.
2. Safety devices.
3. Personal protective devices.
4. Air, hydraulic system and battery fluid leaks.
5. Cables and wiring harnesses.
6. Loose or missing parts.
7. Tires and wheels.
8. Placards, warnings, control markings, and operating manual(s).
9. Stabilizers and casters.
10. Guardrail systems.
11. Items specified by the manufacturer.

MANUALS

Machine Manual(s): The operator shall ensure the Operator's and the Maintenance-Repair-Parts manuals are stored in the weather resistant storage compartment on the aerial platform. The manuals are considered an integral part of the aerial platform and are vital to communicate necessary safety information to the operator. The operator shall be familiar with the manuals and reference them as required.

Manual of Responsibilities: The operator shall be familiar with the Requirements for Operators as set forth in the current Manual of Responsibilities, which shall be provided and stored in the weather resistant storage compartment.

Pre-start Inspection: Before use each day or at the beginning of each shift, the aerial platform shall be given a visual inspection and functional test including but not limited to all of the following:

Problems or Malfunctions: Any problems or malfunctions that affect the safety of operations shall be repaired prior to the use of the aerial platform.

TRAINING, RETRAINING AND FAMILIARIZATION

General Training: Only personnel who have received general instructions regarding the inspection, application and operation of aerial platforms, including recognition and avoidance of hazards associated with their operation, shall operate an aerial platform. Such items covered shall include, but not necessarily be limited to, the following issues and requirements:

1. The purpose and use of manuals.
2. That operating manuals are an integral part of the aerial platform and must be stored properly in the weather resistant compartment when not in use.
3. A pre-start inspection.

5.0 RESPONSIBILITIES OF OPERATORS (continued)

4. Responsibilities associated with problems or malfunctions affecting the operation of the aerial platform.
5. Factors affecting stability.
6. The purpose of placards and decals.
7. Workplace inspection.
8. Safety rules and regulations.
9. Authorization to operate.
10. Operator warnings and instructions
11. Actual operation of the aerial platform. Under the direction of a qualified person, the trainee shall operate the aerial platform for a sufficient period of time to demonstrate proficiency in the actual operation of the aerial platform.

Retraining: The operator shall be retrained, when so directed by the user, based on the user's observation and evaluation of the operator.

Familiarization: When an operator is directed to operate an aerial platform he / she is not familiar with, the operator shall receive instructions regarding the following items:

1. The location of the weather resistant compartment (for manual storage).
2. The purpose and function of all controls.
3. Safety devices and operating characteristics specific to the aerial platform.

Before Operation: Before operation, the operator shall:

1. Read and understand the manufacturer's operating instruction(s) and users safety rules or have them explained. 14

2. Understand all labels, warnings and instructions displayed on the aerial platform or have them explained.
3. Ensure the operator wears appropriate personal protection equipment (PPE) for the conditions, including the environment in which the aerial platform will be operated.

Workplace Inspection: Before the aerial platform is used and during use, the operator shall check the area in which the aerial platform is to be used for possible hazards such as, but not limited to:

1. Drop-offs or holes, including those that might be concealed or difficult to see.
2. Slope(s).
3. Bumps and floor obstructions.
4. Debris.
5. Overhead obstructions and high voltage conductors.
6. Hazardous locations and atmospheres (reference ANSI/NFPA 505-current addition)
7. Inadequate surface and support to withstand all load forces imposed by the aerial platform in all operating configurations.
8. Wind and Weather conditions.
9. Presence of unauthorized persons.
10. Other possible unsafe conditions.

Prior to Each Elevation: Before each elevation of the platform, the operator shall ensure:

1. Control Arms and Guardrails are lowered, closing platform access openings and energizing controls.

5.0 RESPONSIBILITIES OF OPERATORS (continued)

2. The load and its distribution on the platform, shelf(s) and any extensions, is in accordance with the manufacturer's instructions as recorded on the vehicle's nameplate.
3. The operator has appropriate safety gear for the work and environment envisioned.

Understanding of Hazardous Locations: It shall be the responsibility of the operator to understand the hazard classification of the intended location of operation according to ANSI/NFPA 505- current addition).

Operator Warning and Instructions: The operator shall ensure the operation of the aerial platform is in compliance with the following:

1. **Fall Protection:** The guardrail system of the aerial platform provides fall protection. If the operator of the platform is required to wear personal fall protection equipment (PFPE), the body harness shall be worn correctly and connected with the intended tether or lanyard which is connected to the indicated "ANCHORAGE" point on the platform.
2. **Slope and Grade:** The aerial platform shall not be operated in any manner on grades, side slopes or ramps. It shall be used on level surfaces only.
3. **Guardrail System:** Whenever the operator is on the aerial platform, the control arms / guardrails shall be fully lowered into position closing off access openings, before operating any controls.
4. **Distribution of Load:** The load and its distribution on the platform, shelf(s) and any extensions, shall be in accordance with the manufacturer's instructions as recorded on the vehicle's nameplate.
5. **Maintain Overhead Clearance:** The operator shall ensure that adequate clearance is maintained from overhead obstructions and energized electrical conductors and parts.
6. **Electrocution Hazard:** The operator shall perform only that work for which he or she is qualified, in compliance with all applicable safety related work practices intended to prevent electric shock covered by the Code of Federal Regulations (CFR) 1910.333. The operator's level of competence shall be established only by persons qualified to do so. Operators shall maintain the appropriate minimum approach distance (MAD) from energized power lines and parts covered by (CFR) 1910.333 (c).
7. **Personal Protective Equipment (PPE):** The operator shall ensure the correct personal protective equipment (PPE) is worn when required.
8. **Personnel Footing:** Personnel shall maintain a firm footing on the platform floor while working thereon. Climbing by the occupant on the guardrail or control arm of the aerial platform is prohibited. The use of planks, ladders, or any other devices on the platform for achieving additional height or reach is prohibited.
9. **Precaution for Other Moving Equipment:** When other moving equipment and vehicles are present, special precautions shall be taken to comply with local ordinances or safety standards established for the workplace.

5.0 RESPONSIBILITIES OF OPERATORS (continued)

- Warnings such as, but not limited to, flags, roped off areas, flashing lights, and barricades shall be used as appropriate.
10. **Reporting Problems or Malfunctions:** The operator shall immediately report to a supervisor any problem(s) or malfunctions that become evident during operation. The operator shall ensure all problem(s) and malfunction(s) that affect the safety of operations are repaired prior to continued use. 15
 11. **Reporting Potentially Hazardous Locations:** The operator shall immediately report to a supervisor any potentially hazardous location(s) that become evident during operation.
 12. **Hazardous Location Operation:** Operation of aerial platforms not approved and marked for operation in a hazardous location shall be prohibited.
 13. **Entanglement:** Care shall be taken to prevent rope, electric cords, and hoses, etc., from becoming entangled in the aerial platform.
 14. **Capacity Limitations:** Rated capacities shall not be exceeded when loads are transferred to the platform at any height.
 15. **Work Area:** The operator shall ensure the area surrounding the aerial platform is clear of personnel and equipment before lowering the platform.
 16. **Battery Charging:** Batteries shall only be charged in a well-ventilated area free of flame, sparks, or other hazards that may cause fire or explosion.
 17. **Improper Platform Stabilization:** The aerial platform shall not be positioned against another object to steady the platform or improve stability.
 18. **Misuse as a Crane:** The aerial platform shall not be used as a crane.
 19. **Unusual Operating Support Conditions:** The aerial platform shall not be operated from a position on trucks, trailers, railway cars, floating vessels, scaffolds, or similar equipment unless the application is approved in writing by the manufacturer or a qualified person.
 20. **Travel Speeds:** The operator shall limit travel speed according to conditions, including the condition of the support surface, congestion, visibility, slope, location of personnel, and other factors leading to hazards which may cause collisions(s) or result in potential injury(ies) to personnel.
 21. **Driving Requirements:** Before and during driving the aerial platform, the operator shall:
 - (a) Maintain a clear view of the support surface and route of travel.
 - (b) Ensure personnel in the worksite area that may be affected are aware of the movement, communicating and maneuvering the aerial platform as required to protect against personal injury.
 - (c) Maintain a safe distance from obstacles, debris, drop-offs, holes, depressions, ramps, and other hazards to ensure safe travel.
 - (d) Maintain a safe distance from overhead obstacles and energized electrical conductors.
 22. **Stunt Driving:** Stunt driving and horseplay are prohibited.
 23. **Securing the Aerial Platform:** The operator shall implement means

5.0 RESPONSIBILITIES OF OPERATORS (continued)

- provided to protect against use by an unauthorized person(s).
24. **Altering Safety Devices:** Interlocks or other safety devices shall not be altered or disabled.
 25. **Snagged Platform:** If the platform, platform shelf or supporting assembly becomes caught, snagged, or otherwise prevented from normal motion by adjacent structures or other obstacles such that control reversal does not free the platform, the operator shall be removed before attempts are made to free the platform using lowering controls.
 26. **Vacating (or entering) an Elevated Aerial Platform:** If it becomes necessary to evacuate or provide assistance to the operator on an elevated aerial platform, call the local fire department or persons specifically trained and equipped for assistance.
 27. **Modifications:** Modification or alteration of an aerial platform or the fabrication and attaching of frameworks, or the mounting of attachments for holding tools or materials onto the platform or guardrail system shall only be accomplished with the prior written permission of the manufacturer. All modifications shall meet the applicable manufacturer's requirements as specified in section 4 (Responsibilities of Manufacturers) of the ANSI SIAI-A92.6 Standard.
 28. **Assistance to the Operator:** If an operator encounters any suspected malfunction of the aerial platform, or any hazard or potentially unsafe condition relating to capacity, intended use or safe operation of the aerial platform, the operator shall cease operation of the aerial platform, and request further information from the user.
 29. **Problems or Malfunctions:** Any problems or malfunctions that affect the safety of operations shall be repaired prior to use of the aerial platform.
 30. **Carrying Materials (larger than the platform):** The operator shall ensure that only tools and materials which are evenly distributed and can be safely handled by a person working from the platform are transported on the platform load shelf. Light loads extending outside the outline of the platform load shelf require extra caution to avoid interferences.
 31. **Rated Horizontal Force:** The operator shall not exceed the platform's rated horizontal force.
 32. **Bridge Cranes:** When an aerial platform is to operate within the area of travel of a bridge crane or similar 16 equipment, steps shall be taken to prevent a collision with the aerial platform.
 33. **Adequate Support Requirements:** The operator shall ensure the support surface is adequate for the aerial platform and the load carried.
 34. **Protecting Against Unauthorized Use:** The operator shall not to use, rent, lease, or provide the aerial platform for any form of beneficial use to another entity without authorization of the user.

5.0 RESPONSIBILITIES OF OPERATORS (continued)

Record of Training: When provided or when obtained upon the operator's request, proof of training provided by the training entity should be retained by the operator. Records shall contain the following information:

1. Name of trainee.
2. Name of entity providing training or retraining.
3. Name of trainer(s).
4. Clear identification that training covered Self Propelled Elevating Work Platforms.
5. Date of training.

6.0 RESPONSIBILITIES OF LESSORS

Basic Principles: Sound principles of safety, training, inspection, maintenance, application, and operation consistent with all data available regarding the parameters of intended use and expected environment shall be applied in the performance of responsibilities of lessors with due consideration of the knowledge that the aerial platform will be carrying personnel.

Lessor as Dealer: When a lessor is a dealer for the manufacturer of the aerial platform being leased, the lessor shall have the responsibilities specified in the Responsibilities of Dealers section in this Manual of Responsibilities.

Lessor as Owner: When a lessor is the owner of the aerial platform, the lessor shall have the responsibilities specified in the Responsibilities of Owners section in this Manual of Responsibilities.

Lessor as User: When a lessor is the user of the aerial platform, the lessor shall have the responsibilities specified in the Responsibilities of Users section in this Manual of Responsibilities.

Lessor as Operator: When a lessor is the operator of the aerial platform, the lessor shall have the responsibilities.

7.0 RESPONSIBILITIES OF LESSEES

Basic Principles: Sound principles of safety, training, inspection, maintenance, application, and operation consistent with all data available regarding the parameters of intended use and expected environment shall be applied in the performance of responsibilities of lessees with due consideration of the knowledge that the aerial platform will be carrying personnel.

Lessee as Dealer: When a lessee is also the dealer for the manufacturer of the aerial platform, the lessee shall have the responsibilities specified in the Responsibilities of Dealers section in this Manual of Responsibilities.

Lessee as Owner: When a lessee is the owner of the aerial platform, the lessee shall have the responsibilities specified in the Responsibilities of Owners section in this Manual of Responsibilities.

Lessee as User: When a lessee is the user of the aerial platform, the lessee shall have the responsibilities specified in the Responsibilities of Users section in this Manual of Responsibilities.

Lessee as Operator: When a lessee is the operator of the aerial platform, the lessee shall have the responsibilities specified in the Responsibilities of Operators section in this Manual of Responsibilities.

8.0 RESPONSIBILITIES OF BROKER

Responsibilities upon sale, the broker shall:

1. Upon delivery, ensure the Operator's and Maintenance-Repair-Parts Manuals are provided to the new owner.
2. Upon delivery, provide a copy of the current Manual of Responsibilities to the new owner.
3. Maintain records of the sale for a minimum of four (4) years.

Responsibilities with re-rents, leases, or any other form of beneficial use:

When compensation is received as a result of a re-rent, lease or any form of beneficial use of an aerial platform, the broker shall:

1. Upon delivery, ensure the Operator's and Maintenance-Repair-Parts Manuals are provided to the user.
2. Upon delivery, provide a copy of the current Manual of Responsibilities.
3. Ensure operating personnel are familiarized with the aerial platform prior to use..
4. Retain records of the transaction for a minimum of four (4) years.

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